JS365:P9 Public works Municipal Santa Maria
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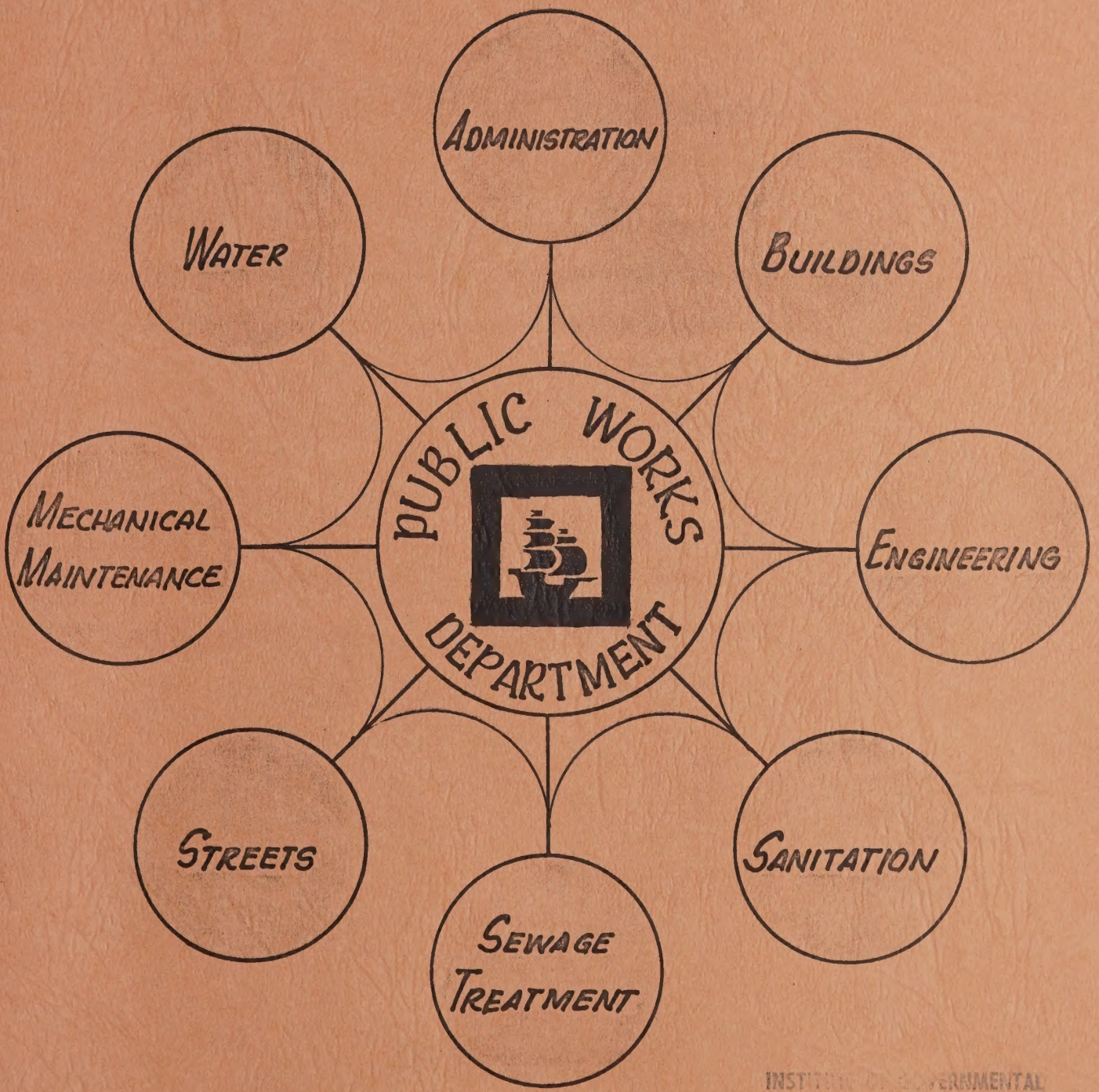
1970-1971

1970-1971
Annual Report



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CITY OF SANTA MARIA

110 East Cook Street
CITY OF SANTA MARIA, CALIFORNIA
93454

OFFICE OF: Director of
Public Works

November 1, 1971

Mr. Robert F. Grogan
City Administrator
City of Santa Maria
110 East Cook Street
Santa Maria, California 93454

Dear Bob:

It gives me a great deal of pleasure to transmit this summary of public works activity during fiscal year 1970-71. I hope this will be the first in a series of these type reports, providing a convenient method for the recordation of significant departmental activities.

We have attempted to include in this report material of statistical and historical value, as well as information of personal interest to our individual department members. A brief summary of various events considered most noteworthy is contained in the general comments at the beginning of the report.

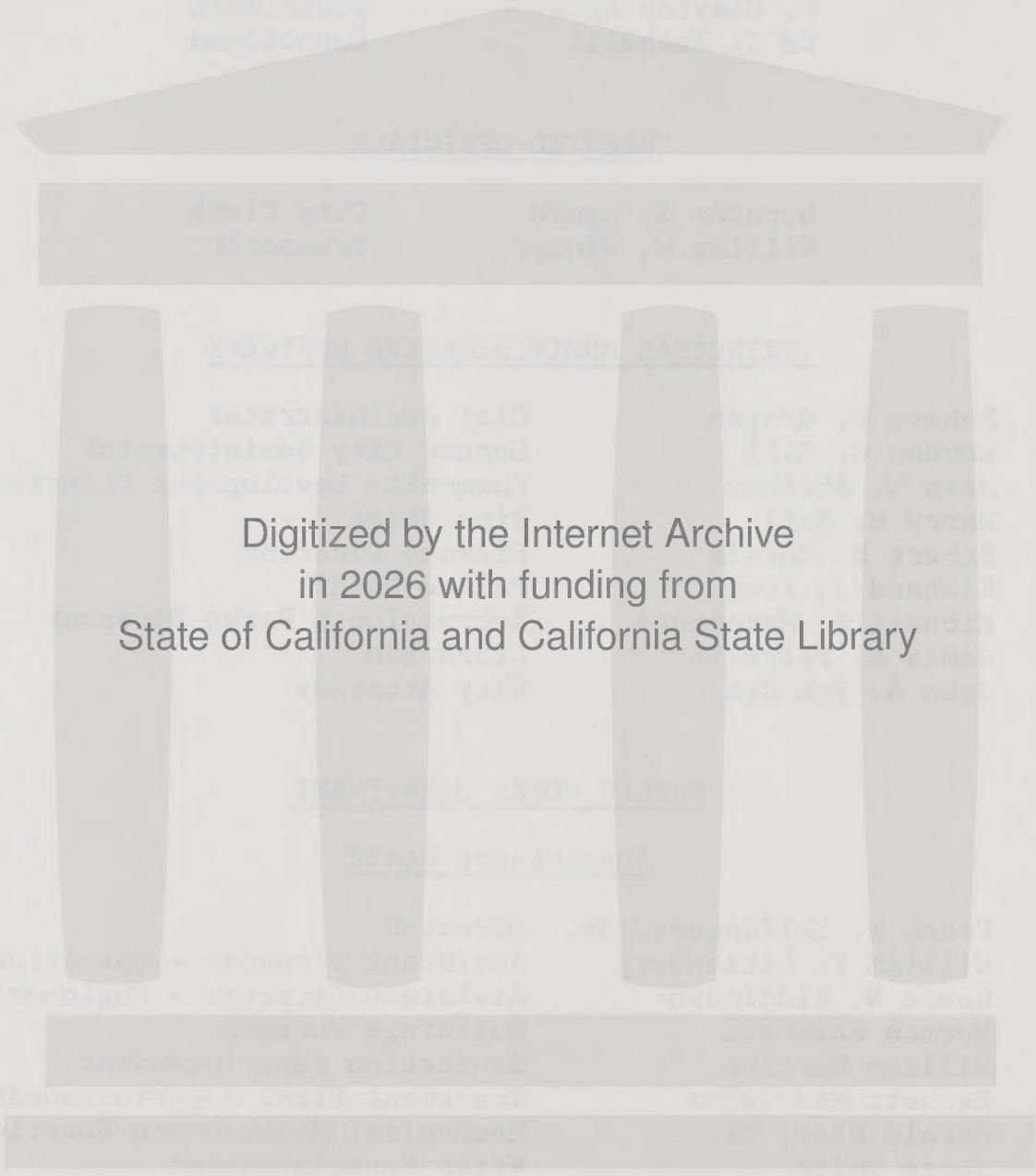
It is appropriate here to express our gratitude to the rest of the City family for the guidance and assistance which literally made many of our departmental accomplishments possible. We are even more grateful for the sympathy and understanding that was received for our failures. We look forward to the continuing opportunity to make a contribution toward the total City government's service to its community.

Very truly yours,

Frank

FRANK W. SALFINGERE, JR.
Director of Public Works

FWS:js



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GENERAL COMMENTS

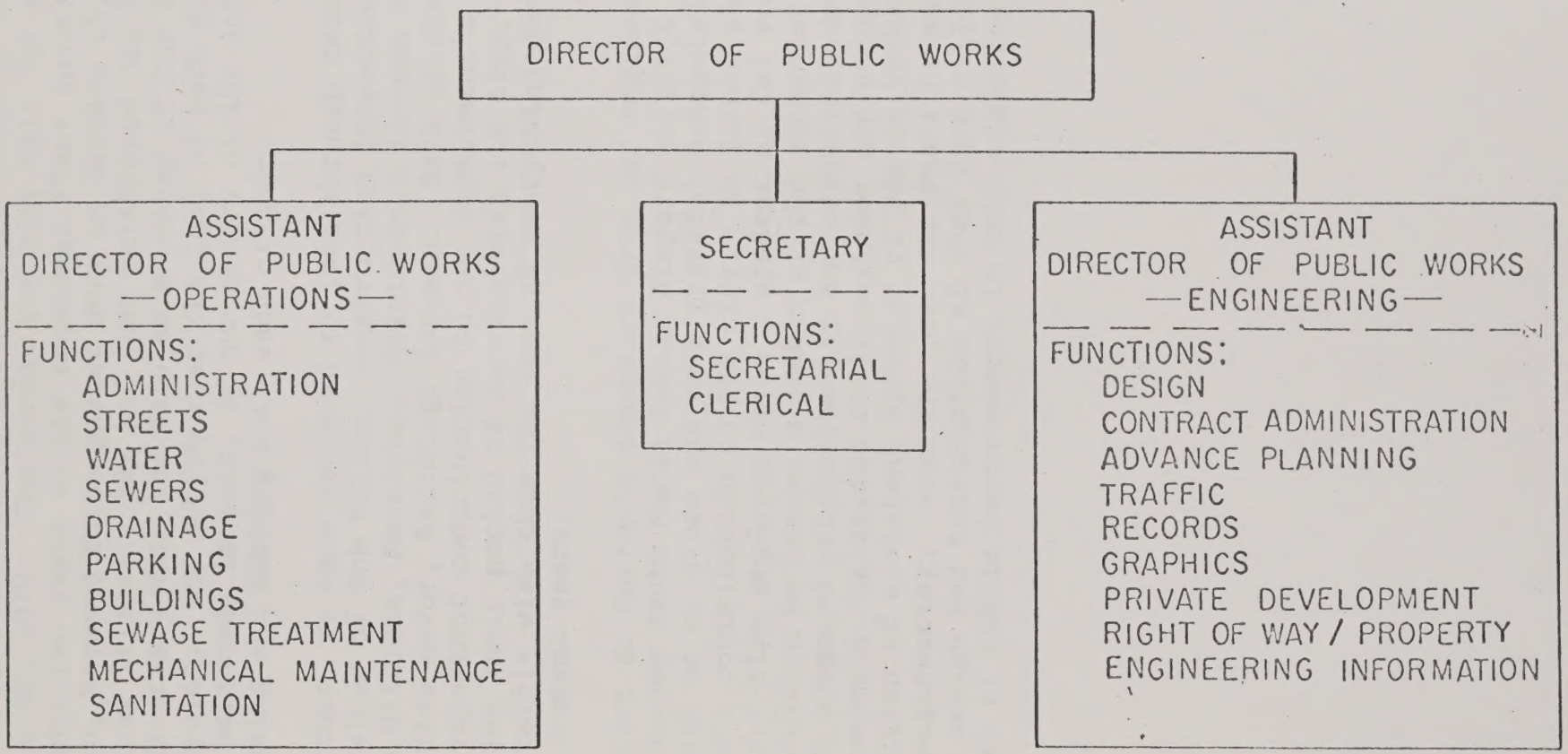
In attempting to highlight the most important events and accomplishments of the department during the past year, inevitably it is a temptation to select those projects, activities, or personnel changes which stand out for their uniqueness or attention-getting characteristics. However, we suggest those routine, everyday operational efforts - the pavement defect repaired, the sewer rodded, the street light restored to service, the digester kept at proper temperature, the vehicle properly lubricated, the water supply valve checked for proper position, the leaky faucet repaired - are, collectively, the most noteworthy achievement of our department during the past year. Each separate operation plays an important part in the proper functioning of our total city government.

Internally, a major event was the administrative and legislative approval of the classification and organizational changes for this department recommended at mid-year. The new organizational chart of the department is on the following page, and its formal implementation puts us in the somewhat unique position of being formally organized in the same way we function.

Capital improvement activity during the fiscal year deserves comment in two respects. This past fiscal year saw the Donovan Road Assessment District satisfactorily completed. This assessment district was the last of a series of long-standing proposed improvement districts pending for more years than some of us care to remember. The completion of the Donovan Road District cleans up this backlog, and there are now no pending assessment districts which have any organized citizen support. The second project activity of long-term significance was the implementation of our storm drainage retention basin concept by the construction of the first basin within Simas Park. This improvement will make a major contribution to the environment of the downtown area and demonstrate the effectiveness of the general plan concept after the downstream facilities are constructed allowing the retention basin to function.

A number of personnel events occurred during the year; some sad, some joyful.

CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS
ORGANIZATION



Of particular note was the untimely death of Tom Mays on June 18, 1970. Tom served the city well for over twenty-two years as its Treatment Plant superintendent. Also, Raymond Barba passed away on January 24, 1971 after a long illness. Ray had just celebrated his 20th anniversary with the city as a member of the Sanitation Division. Our sorrow over the loss of both of these men is balanced, in part, by our memory of the enjoyment of knowing and working with each of them.

Further, we were saddened to lose through retirement the services of Bob Wilson, construction inspector, Jim Williams, Mechanical Maintenance foreman and Charles Devor, Buildings foreman. Each of these men made an important contribution to our department's activities during their period of service with the city, and we certainly wish them the best of everything during their retirement years.

Herbert E. Gerfen's departure from our engineering staff to become Santa Maria Public Airport District Engineer caused us to pause and make grateful acknowledgment of Herb's contribution to the city. He joined the staff as a part-time employee while a student at Cal Poly. Upon graduation he became a member of the permanent staff. Herb advanced professionally and organizationally, becoming a registered civil engineer and occupying the position of Assistant Director of Public Works in charge of engineering. Over the past six years he supervised the design and construction of over five million dollars worth of public improvements in this community.

DIVISION ACTIVITIES

The thirteen functional activities of the department are assigned to one of eight divisions. Highlights of the past year regarding each of these divisions are summarized on the following pages.

BUILDING MAINTENANCE DIVISION

The Building Maintenance Division is responsible for the maintenance and modification on the City Hall and Public Works Center, with quasi responsibility on all other City buildings. The responsibilities involve the skills and knowledge necessary for the maintenance and repairs on all department and division buildings with the appurtenant accessories, the supervision of janitorial work at City Hall and a janitorial contract service for the Public Works Center.

Some highlights of jobs completed last year are:

a. Data processing room at City Hall which required painting, pre-fabricating and installation of room partitions, installation of a branch electrical panel and air conditioner to provide a stable temperature environment for the I.B.M. computer.

b. Supervision of the cleaning and painting of the exterior of the Police Department building. Repainting of acoustic ceiling and antiquing heat defuser in ceiling, metal door frames to match walnut paneling, duplicating the panel finish to match the Danish oil finish of office furniture in Police Chief's office.

c. Installation of factory built partitions for Division Supervisor's section in Public Works Administration building. Contract supervision of the re-roofing of said building. The fabrication and installation of partitions and cabinets for the Engineering Division.

d. Contract supervision of the re-roofing of the Paul Nelson Swimming Pool office and entrance area. Also, supervision of the contract for cleaning and repainting of the wind break of said pool. The preceding included writing of specifications for materials and their application.

e. The remodeling of all portable bleachers for Parks and Recreation Department to comply with State and City Codes, which also required the fabrication and installation of safety pipe rails. The laying out and routing out of letters, prior to the painting and finishing of redwood signs, construction and installation of an outdoor exhibit case for Preisker Park.

f. The rehabilitation of the flag pole at City Hall which included stripping of old paint, inspection and repainting; the remodeling of the crown and ball followed by fiberglassing and imbedding of gold fleck; the replacement of rope and pully.

g. Contract supervision for the final items of completion on the new library and the moving back into the new library from the temporary location.

h. Miscellaneous maintenance and repair for all departments and divisions, which includes file cabinets; furniture; tools, such as shovels, axes, hammers, etc. Plumbing maintenance, such as water closets, basins, faucets, sewage lines, hot water heater, forced air furnaces and boilers. Door maintenance, such as door closers, panic hardware and locks; estimating of costs on proposed jobs for departmental budgets, etc.

The following indicates the time spent performing work for the various departments:

	Regular Man Hours	Borrowed Man Hours	Total
Community Development	23	29	52
Finance Department	416	--	416
Fire Department	34	9	43
Library	231	291	522
Recreation & Parks	472	183	655
Police Department	334	83.5	417.5
Public Works Dept.	1112	479.5	1591.5
Records (City Clerk)	19	--	19
TOTAL HOURS	2641	1075.5	3716.0

Janitorial service at City Hall amounts to 2,090 hours for a grand total of 5,806 hours for the Division.

STREET DIVISION

The Street Division has surface and some sub-surface maintenance responsibilities in all of the City's travelways. The maintenance of 112 centerline miles of streets includes asphalt and concrete repair, traffic striping and stencil painting, sweeping, signing, parking, street lighting and parking meters.

Approximately 80 miles of sewer lines are also maintained by the Street Division. The 21 drainage ditches are periodically graded and/or chemically weed controlled on a yearly basis.

Abatement of weeds throughout the City have been, in most cases, controlled by chemical spray and the balance by manual or mechanical means. There were 511 lots cleaned, at a cost of $17,550.

There are approximately 16 miles of alleys of which approximately 50% are dirt; this Division maintains these alleys by grading.

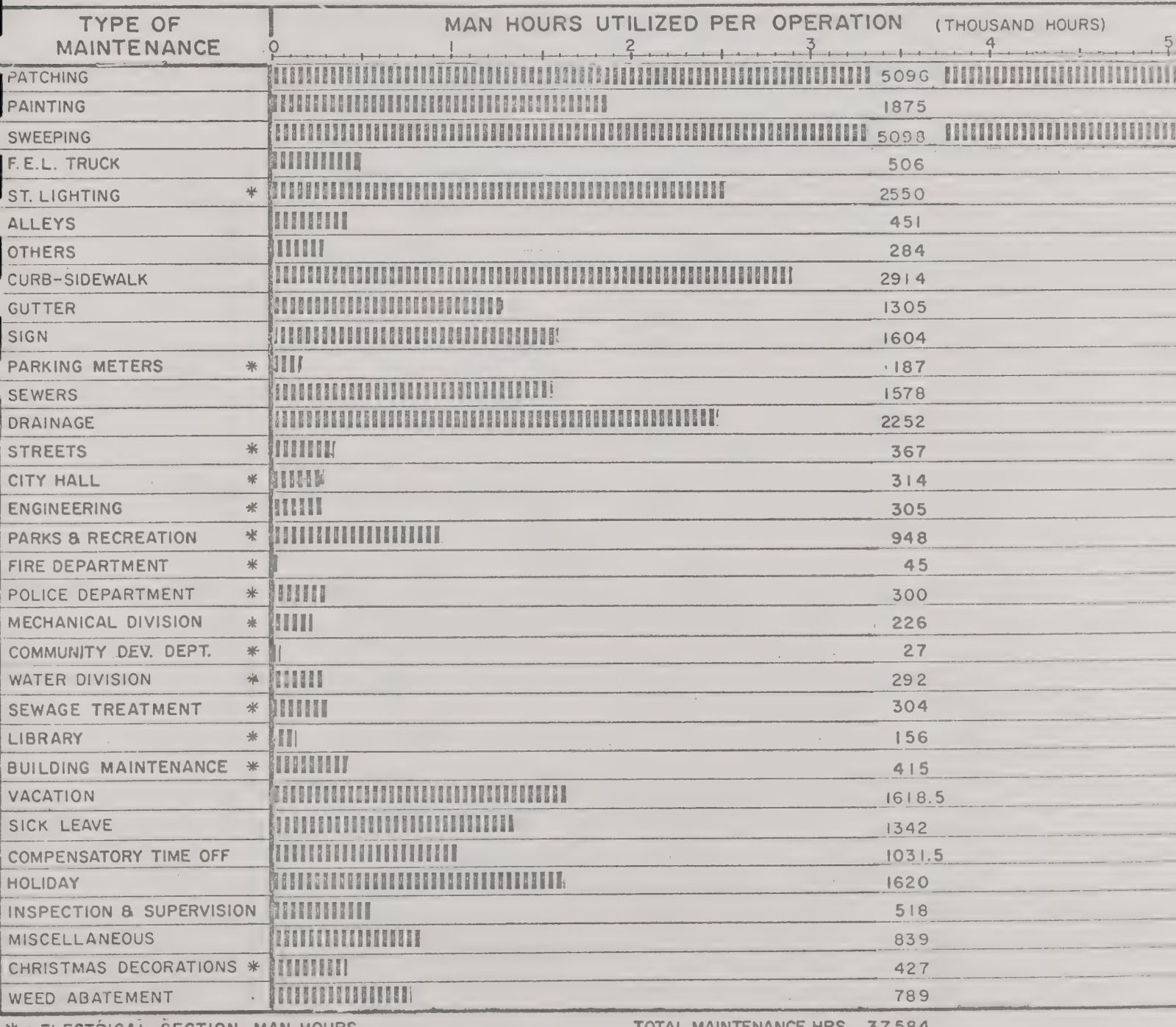
A major mid-fiscal year project has always been the Christmas decorations.

The placement of 375,000 square feet of asbestos asphaltic concrete overlay was the biggest maintenance accomplishment on street protection that has been used in the past year, at a cost of $20,000.

The new street lights on West Main Street project gave us a brighter West Main Street and 57 lucalux street lights at a cost of approximately $35,000.

The Street Division, aside from their own division, assists all other departments within the City structure, on all or most of the electrical problems.

The following graph depicts the man hours required for the various segments of Street Division work and the asterisk (*) indicates the man hours used by the electrical section only.



* = ELECTRICAL SECTION MAN HOURS

TOTAL MAINTENANCE HRS. 37,584

WATER DIVISION

The Water Division has two prime functions -- water production and water distribution. Water production capability is comprised of 10 water wells plus 1 additional which was added this year. Most of these wells are located around the Santa Maria Public Airport with four (4) close to the center of the City. They supply the water for the reservoirs with a total of 8.5 million gallons storage capacity. The wells, to meet the user needs, average 6.5 million gallons per day. The combined well production and reservoir capacity must supply the peak demands of 12 million gallons per day, and an annual total of 2,289,578,000 gallons.

The Water Distribution function is responsible for transmitting water from the well source to the people. This service is provided to over 9,098 accounts through a water line system approximately 130 miles long. This section also provides the meter reading function, installation of service lines and meters, and provides maintenance on all water facilities, water billing and collections. The income from the total amount of water sold this fiscal year was $644,115.

Totals of various Water Division functions during fiscal year 1970-71 are listed as follows:

Water meters installed	664
Water meters removed	478
Water meters repaired in shop	469
Water meters repaired in field	646
Water service turn on's	1,853
Water service turn off's	1,894
Miscellaneous service calls	751

Special service calls	131
Water meter vaults replaced	55
Main line gate valves operated	397
Water line leaks repaired	158

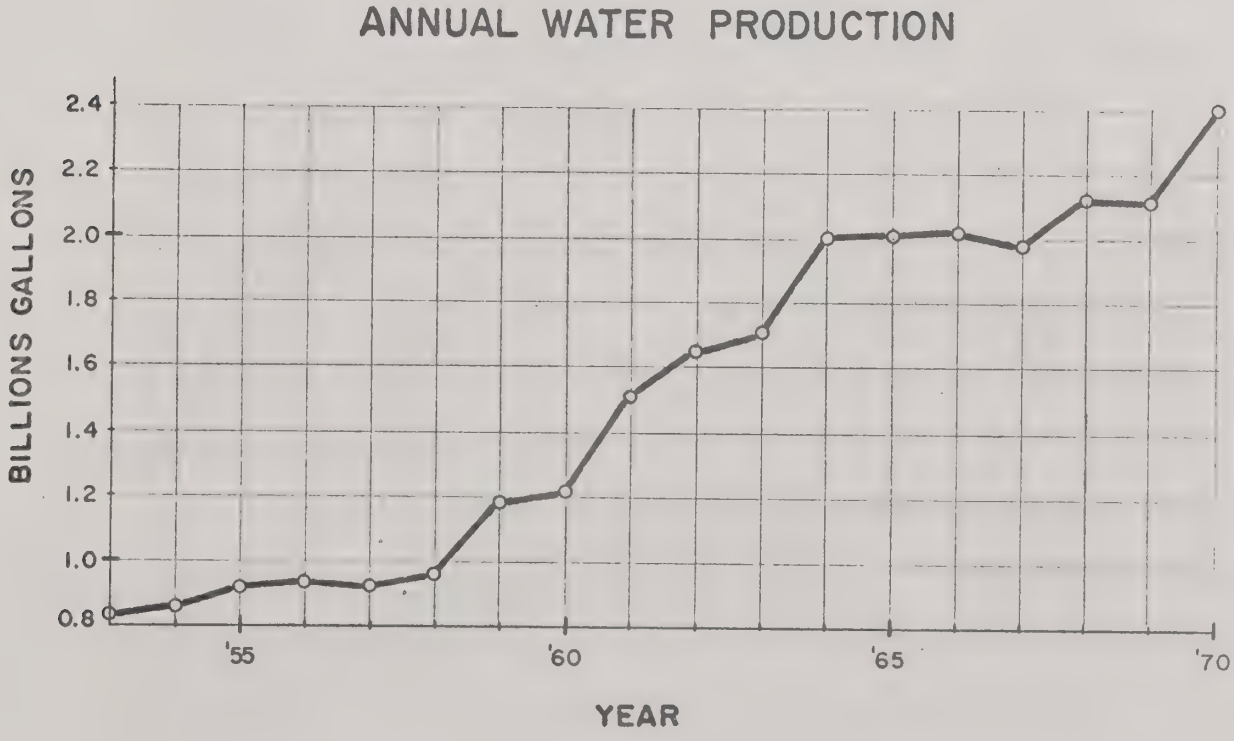
Distribution - water main replacement:

6" A.C. pipe	1,070 lineal feet
8" A.C. pipe	4,118 lineal feet
10" A.C. pipe	405 lineal feet

Transmission - water main installation under contract:

12" Techite	158 lineal feet
14" Techite	2,050 lineal feet
16" Techite	6,575 lineal feet
20" Techite	8,035 lineal feet

The following shows graphically the increase in quantities of water used over the past years.



MECHANICAL DIVISION

During the past fiscal year the Mechanical Maintenance Division maintained some 187 motorized pieces of equipment with a total of eleven (11) division personnel.

The City's vehicles traveled approximately 932,697 road miles using 124,950 gallons of fuel. In this period 3,723 shop work orders were completed and 10,150 fuel tickets were used at the pump island for the service. In addition, this division worked closely with other departments and divisions on activities other than automotive, such as welding in the field, metal fabrication and repairs. These man hour costs are reimbursable through "Inter-departmental" billing.

An application for State gasoline road tax rebate was filed in the past year. The operating cost records were audited by the State of California and the claim has been approved for a rebate of approximately $1,200; this rebate will be applied for annually.

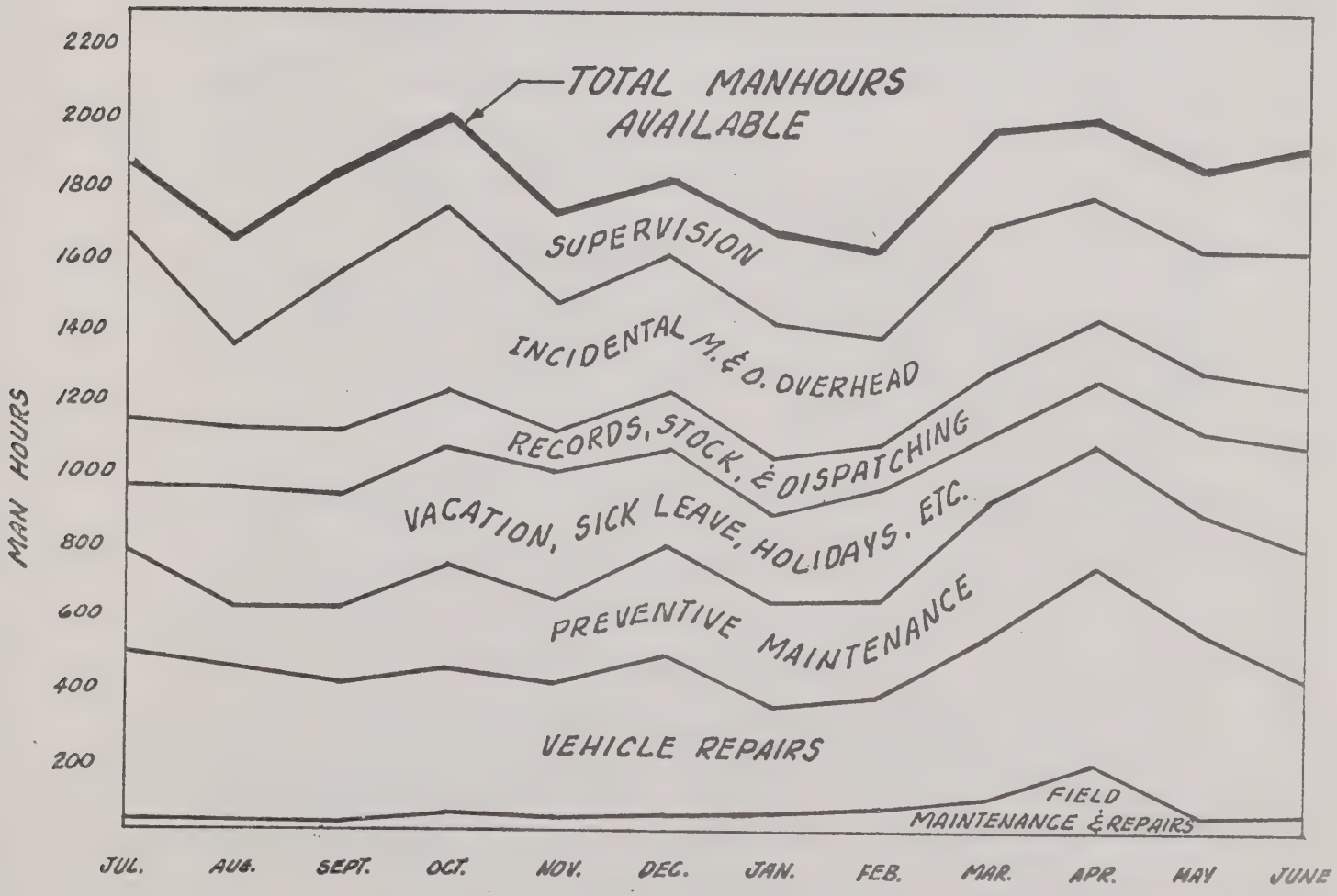
The Division funds were derived from principally the equipment rental out of the "Pool System"; other funds are in the form of reimbursables consisting of $13,660 on the sale of used equipment and $380 for repairs on damaged equipment determined to be the "other party's fault."

In the past year an equipment operators training program was instituted and personnel were instructed on the operation of the International 'A' Frame and the new Pumper Fire Truck; the response to this program has been very positive.

A preventative maintenance program is now in full operation and is expected to minimize breakdowns. This will decrease the overall maintenance costs and increase the field productivity, by having the equipment in an operable condition for a greater period of time.

The parts location and inventory have now been moved to a central area of the mechanical repair operation--thus reducing the time appreciably in the process of acquiring repair parts from the stock.

The following graph indicates the comparative man hours spent each month on the various major functions:



FISCAL YEAR 1970-1971

SANITATION DIVISION

Collection:

The collection section of the Sanitation Division is responsible for the collection of mixed refuse from approximately 9,000 residential and commercial accounts using City personnel and equipment. Residential refuse is collected twice each week and the commercial accounts are serviced from two to seven times each week.

The collections are made by six residential rear packer crews, and the commercial accounts are picked up by one full time and one part time front loader driver.

Shown below in Figure "I" is a comparison of the number of miles traveled by all Sanitation Division trucks in June of the last four years.

NUMBER OF MILES TRAVELED

	REAR LOADERS	FRONT LOADERS	TOTAL
JUNE – 1968	4636	1845	6481
69	4479	1903	6382
70	4629	2140	6769
71	4768	2331	7099

FIGURE I

Figure "II" below shows the number of man hours worked by the three sections of the Sanitation Division in Fiscal year 1970-71.

HOURS WORKED 1970-71

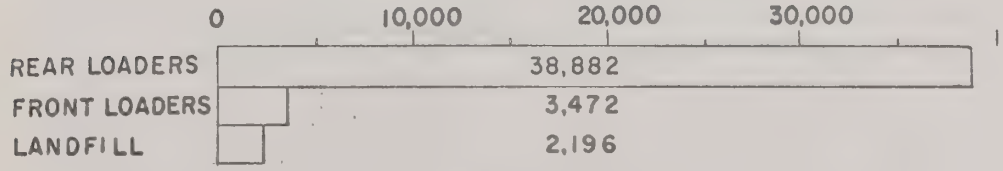


FIGURE II

Figures "III" and "IV" are graphs showing the number of accounts for the rear loaders and front loaders for June of 68, 69, 70 and 71. As can be seen, the number of accounts for the rear loaders are declining while the front loader accounts are increasing.

NUMBER OF REAR LOADER ACCOUNTS

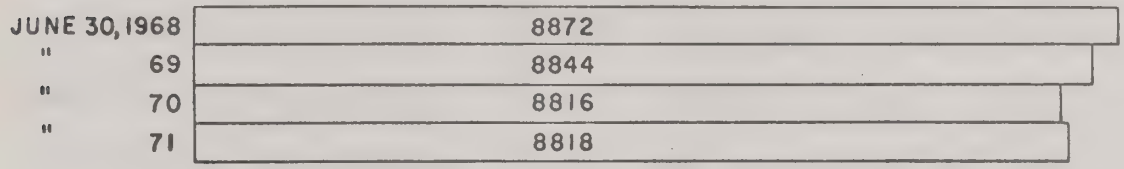


FIGURE III

NUMBER OF FRONT LOADER ACCOUNTS

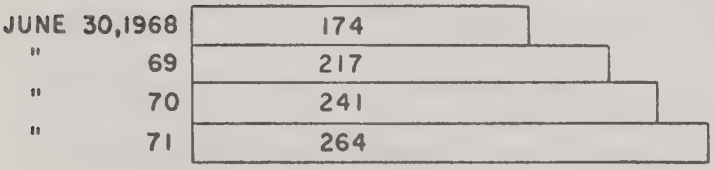
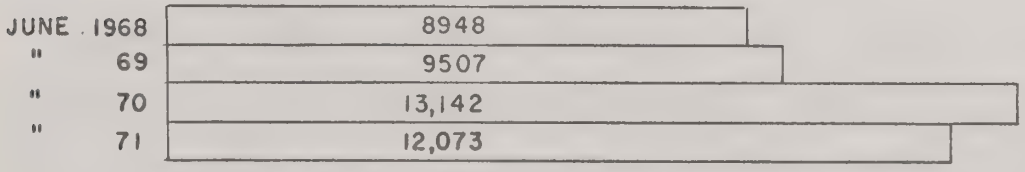


FIGURE IV

Figure "V" shows the total cubic yards hauled by front loaders in June of 1968, 69, 70 and 71. The decline shown in June of 71 is due to a slowdown in service at the three Thrifty Stores in Santa Maria.

NUMBER OF CUBIC YARDS HAULED BY FRONT LOADERS



Disposal:

The disposal section of the Sanitation Division is responsible for operation of the City Landfill on Suey Road. This involves the spreading, compacting and covering of all refuse produced in the City, as well as some produced by residents adjacent to the City in San Luis Obispo and Santa Barbara Counties. No fee is charged the public for dumping at the landfill. Constructing and maintaining the access road and erecting fences for the control of blowing paper are also a part of the activities, as well as planting trees on the completed landfill.

Figure "VI" shows the acreage used by fiscal year from 63-64 to 70-71. The variation from 68-69 to the present is caused by the different types of land being used (Reuse of the old dump versus clean land).

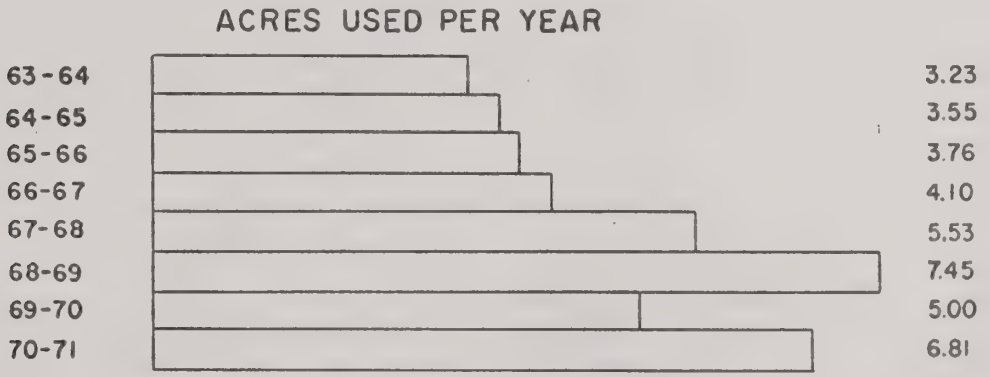


FIGURE VI

Capital improvements consisted of the extension of the boundary fence 500 feet and the landfill road 1,000 feet plus a second course on 1,500 feet of the existing road.

A study was commenced for a preliminary report regarding the feasability of the City purchasing approximately 200 acres of land east of the present landfill and going into an area-wide "pay" landfill.

Figure "VII" shows a breakdown of funds for fiscal year 1970-71.

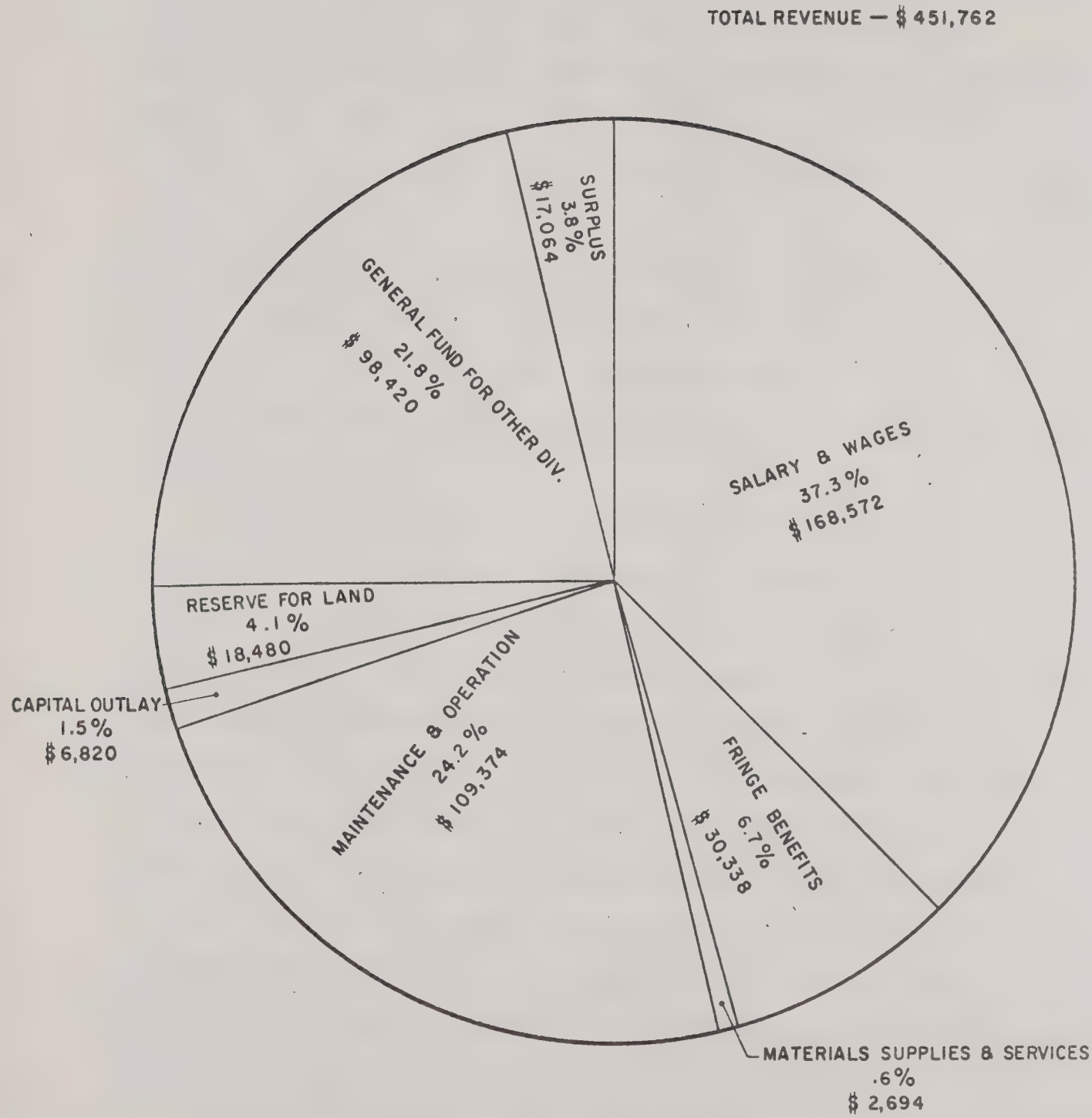


FIGURE VII

SEWAGE PLANT DIVISION

The Sewage Plant Division operates and maintains the Municipal Wastewater Treatment Facility, including a Sewage Lift Station. The plant operation is responsible for primary and secondary treatment of domestic and industrial waste. The treatment provides an effluent quality that is suitable for restoration to the underground water basin within acceptable limits.

During the past year the average flow has been 4.5 million gallons per day, while peak flows have ranged around 6.0 million gallons per day. Approximately 1.5 billion gallons have been treated in the past year which was distributed to percolation ponds.

The Division continues to have as its basic objective, the treatment of domestic and industrial waste in a manner that will preserve the environment and remain within the Regional Water Quality Control Board standards. The treatment plant facility maintains a full-time laboratory certified by the State of California. The laboratory performed water and chemical analysis tests as follows: 44 dissolved oxygen, 36 biochemical oxygen demand, 92 settleable solids, 62 suspended solids, 96 ph or hydrogen ion concentration, 40 sludge samples for percentage of solids, 40 volatile acids and 40 alkalinity. The results of these tests act as determinants to guide the operation of the plant.

One of the crucial maintenance problems is caused by an atmospheric condition containing high quantities of moisture and in combination with the sulfides in the air,

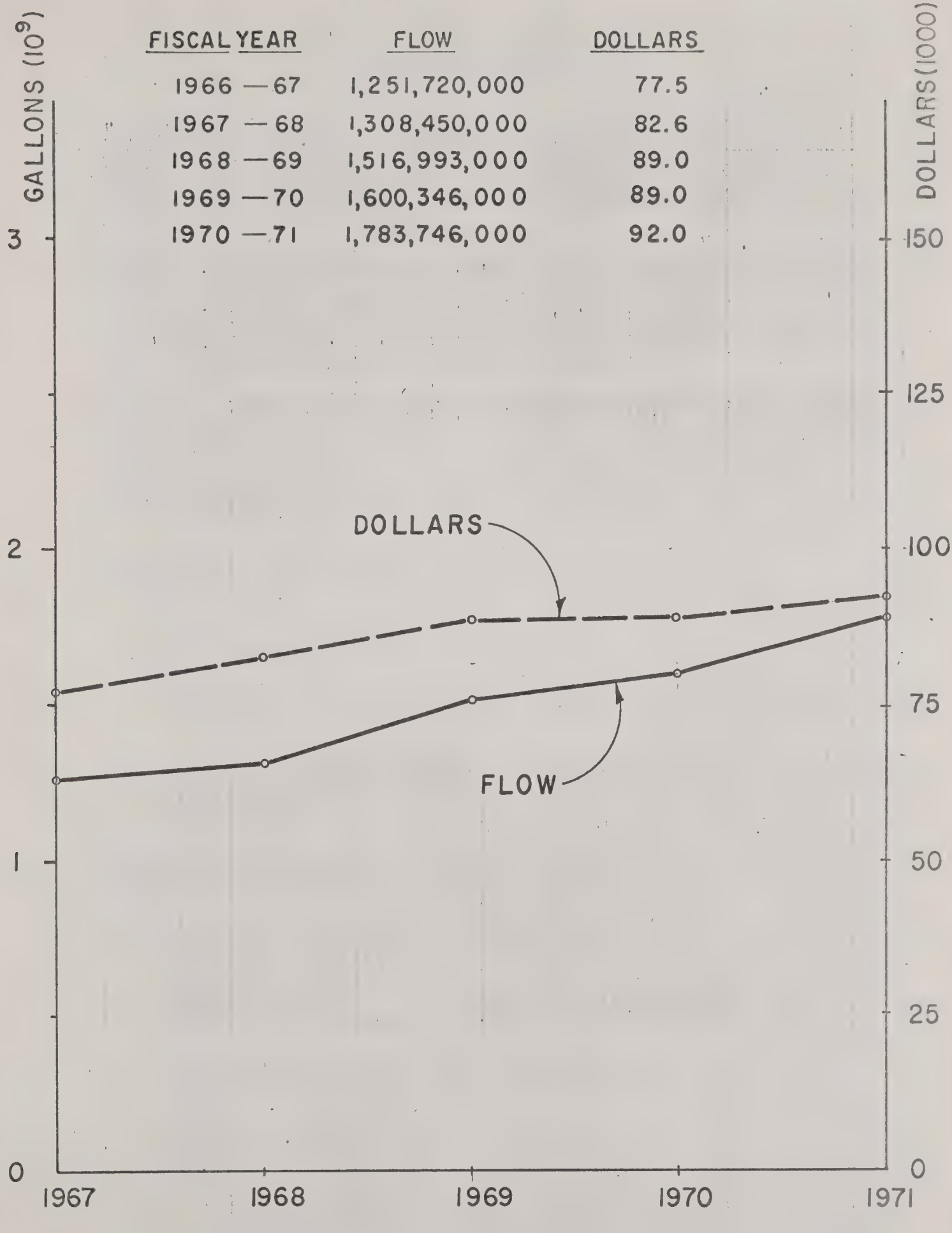
creates a corosive condition that requires a continual painting program on the part of plant personnel.

Other significant maintenance items during the past year consisted of repairing nine (9) centrifugal pumps, replacement of two (2) sludge pumps, replacement of drive sprockets and chains on sedimentation tanks, repaired gas meter, sub-soiled eight (8) percolation ponds. Capital improvements for the past year included installation of additional piping and sprinkler valves, safety guard railings around sedimentation tanks.

The treatment operation is such that the equipment has a demand on it to run 24 hours per day, 7 days per week, thus causing rapid wear and tear. A preventative maintenance program is being instituted to combat the preceding and assure the equipments reliability.

The "cost" compared to the sewage "flow" treated annually is shown on the following graph. Note; the graph points out that the cost to treat a billion gallons has decreased over the past two (2) years.

FISCAL YEAR	FLOW	DOLLARS
1966 — 67	1,251,720,000	77.5
1967 — 68	1,308,450,000	82.6
1968 — 69	1,516,993,000	89.0
1969 — 70	1,600,346,000	89.0
1970 — 71	1,783,746,000	92.0



ENGINEERING DIVISION

A new appointment for the position of Assistant Director of Public Works, Engineering Division Head, was made in May of this year. As shown on the Organizational Chart of the division (Plate 1), no other personnel changes occurred during this period.

Plate 2 shows the major activities of the division, plus their respective approximate costs as a percentage of the total division salaries. Total salaries include regular salaries, overtime salaries and part time salaries. This total was approximately $129,100 for 1970-71.

Current engineering projects, shown on Plate 2, include any project that has been in the design and/or construction phase during this past year. These projects, prior to construction phase, have a set of drawings and specifications prepared by this division.

Private development and subdivision activity, shown on Plate 2, include the following:

Building site reports for use permit application	127
Subdivision reports for Subdivision Committee meetings	41
Development Coordinating reports for Development Coordinating Committee meetings.	17

Traffic engineering and Traffic Committee activity shown on Plate 2 include the following:

Curb zone investigation (red-green & white)	12
Stop sign investigation	2
Speed limit zones	2
School safety (crosswalk relocation)	1
Intersection studies	18

North Miller Street Study (Chapel-Alvin)
Annual Traffic Count Summary
Update traffic collision diagrams
Contribute input to TOPICS Project

Tabulated on Plate 3 are engineering projects on which construction was started and/or was completed within the fiscal year. Included facts are the final contract cost, start of construction, completion of construction, and the percent engineering cost for the entire project based on the final contract price.

ENGINEERING DIVISION

CITY OF SANTA MARIA

DEPARTMENT OF PUBLIC WORKS

ORGANIZATION CHART

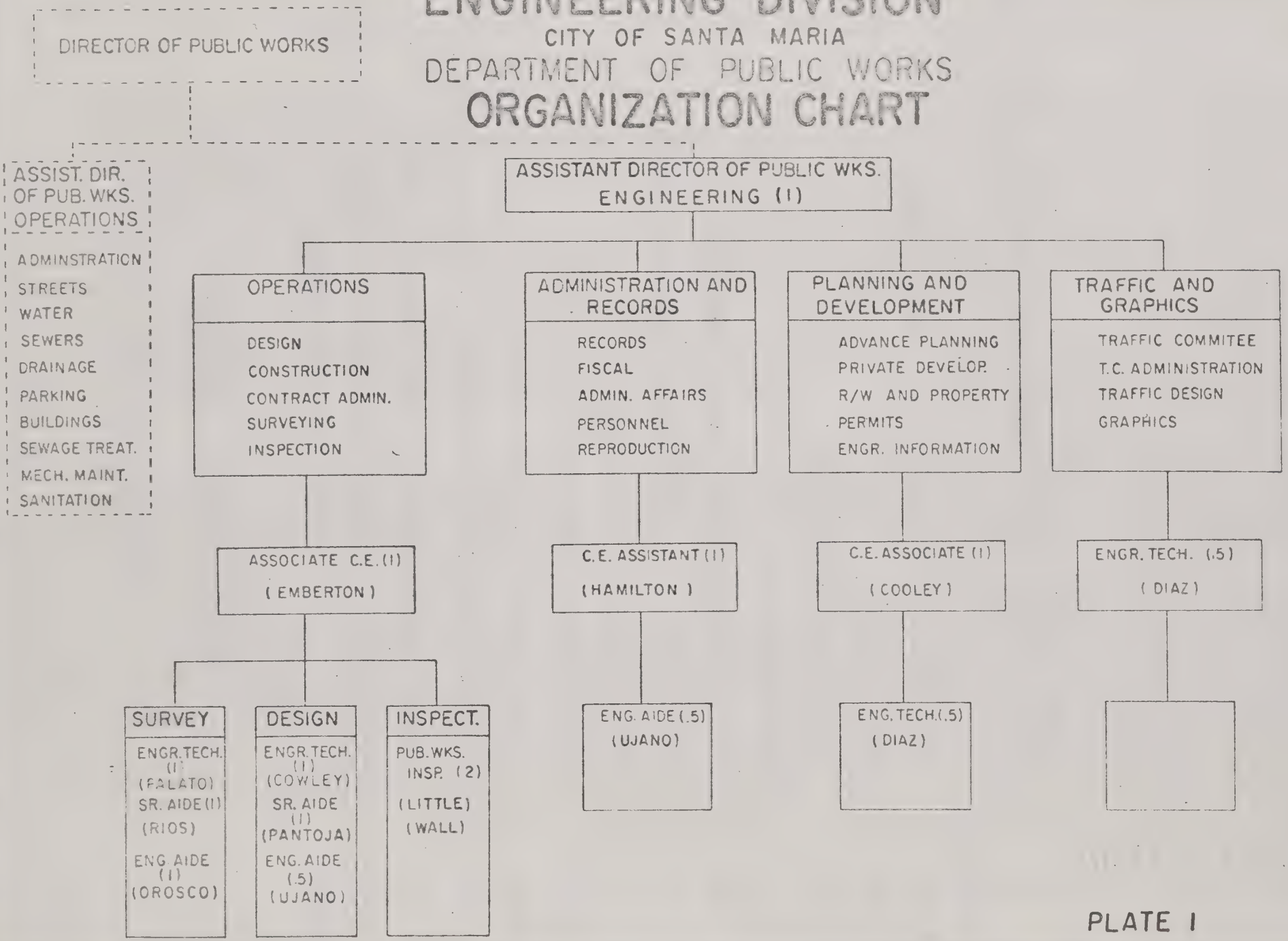


PLATE 1

ENGINEERING DIVISION

FISCAL YEAR SALARY EXPENDITURE
*(Percent of Total Salaries)

PERCENT	ACTIVITY CLASSIFICATION
38.0%	Current Engineering Projects; Design and Construction
11.0%	Information and Records - Public Inquiries, etc.
10.8%	Non-Productive; (Meetings, Holidays, Vacation, Sick Leave, etc.)
10.5%	Support Services; (For City Departments and Divisions)
8.8%	Private Developments, Subdivisions etc.
7.1%	Advance Planning, Studies etc.
5.6%	Next Year and Five Year Budget Improvement Projects
3.4%	Traffic Engineering and Traffic Committee
2.7%	Microfilm System
1.6%	TOPICS Study, Staff Input
0.3%	TOPICS Project
0.2%	Downtown Redevelopment (N.D.P.); Staff Input
100.0%	

*Total salaries include regular salaries, overtime and part time. 1970-71 Total $129,100.

PLATE 2

ENGINEERING DIVISION

FISCAL YEAR ENGINEERING PROJECTS
(Project Construction Started And/Or Completed; 7/1/70-6/30/71)

Spec.	PROJECT Description	Final Cont. Cost	Council Award	Council Accept.	Percent Engr. Cost/Project
70/1	Assessment District 68-1 (Donovan Road)	$185,310.77	Oct. 5 , 1970	June 28, 1971	4.69
70/2	Jones Street Improvements	37,424.82	July 6 , 1970	Nov. 2, 1970	15.95
* 70/4	Water Transmission Mains;(Blosser-McCoy)	213,279.91	June 15, 1970		3.61
70/7	Preisker Park Turf Development Irrigation System Phase IV	40,683.00	May 4, 1970	Oct. 19, 1970	6.46
70/13	Asbestos Asphalt Concrete Overlay Phase I	10,129.16	May 18, 1970	July 20, 1970	0.66
70/14	Central Business District Tree Planting	23,013.05	July 6, 1970	Sept 9, 1970	8.50
*70/15	Assessment District 70-1 (Main Street-Broadway to Blosser)	138,876.28	Mar. 15, 1971		11.75
70/16	Asbestos Asphalt Concrete Overlay Phase II	9,898.95	Aug. 17, 1970	Oct. 5, 1970	0.66
70/18	Replacement of Water Distribution Lines (E. Newlove and Simas Park Area)	32,563.00	Oct. 5, 1970	Jan. 4, 1971	7.55
71/1	Simas Park - Site Excavation	27,257.98	Oct. 19, 1970	Feb. 1, 1971	6.38
71/2	Simas Park - Drainage Facility	21,900.00	Nov. 2, 1970	Jan. 18, 1971	3.43
71/3	Simas Park - Pump Installation	7,749.00	Nov. 2, 1970	Feb. 1, 1971	5.60
71/4	Simas Park - Resodding	19,440.00	Nov. 2, 1970	April 5, 1971	1.70
71/5	Simas Park - Sprinkler System	11,430.00	Nov. 2, 1970	Mar. 15, 1971	7.85
71/6	Simas Park - Recreational Facilities	50,821.00	Nov. 16, 1970	April 5, 1971	4.73
71/7	Chemical Weed Abatement (1970-71)	15,826.10	Dec. 21, 1970	Feb. 16, 1971	0.25
71/8	Water Line Relocation - Alvin Overpass	6,806.31	Dec. 21, 1970	April 5, 1971	2.70

*Project not complete

PLATE 3

PERSONNEL NOTES

1. The total permanent employees working in the Public Works Department as of June 30, 1971 amounted to 90, which included all the Divisions.

2. The number of new employees hired into the Department as replacements for employees that either retired, left the City for other reasons or transferred by promotion to another department, consisted of the following:

    1 Ass't. Director of P.W. - Engineering
    1 Sewage Treatment Plant Superintendent
    1 Mechanic II
    1 Mechanic I
    3 Maintenance Man I

    The preceding constitutes a turn over rate of 7.8% for all employees, regardless of reason. However, employees leaving the City for other employment only amounted to 2.2%.

3. Summer programs were provided and training was carried on for a total of 12 Work Aids of primarily high school age young adults, in the following areas:

    3 Engineering
    1 Mechanical Maintenance Division
    4 Water Division
    1 Sanitation Division
    1 Administration
    1 Street Division
    1 Buildings Division

4. Ernest J. Anaya was chosen for his oustanding characteristics from all the eligable employees in the Public Works Department and deserves to be honorably mentioned here.

ADMINISTRATION MISCELLANEOUS

1. During Fiscal Year 1970-71 the Public Works Department issued 48 curb & walk permits for a total of $720. This money is held only as a deposit and returned to the applicant upon satisfactory completion of the work and approved by the City.

2. During Fiscal Year 1970-71 the Public Works Department issued 23 excavation permits for a total of $1,045.50. Approximately $72.70 of this amount has been forfeited to the City for patching three (3) of these excavations; $972.80 has been returned to the applicant for patching of excavations that have been satisfactorily completed and approved by the City.

3. During this same fiscal year there were sixteen (16) banner permits issued to non-profit organizations for a total of $400.00.

4. Significant Reports:

   a. Water Quality Control Report that concluded the water quality delivered to the user is within the acceptable health standards as adopted.

   b. Cross Connection Control Program Report that set the responsibility and provided a cooperative workable solution with County and other north County Water Agencies; this will make a well qualified employee available for this program on a need basis.

   c. "Mini" Car Report regarding the practical and economical use of this size vehicle for transportation; the evaluation indicated there was not enough savings, based on data available, to offset the problems that would be caused with a limited use.

APPENDIX A

Engineering, Operation and Administration Studies

During the fiscal year a wide variety of special studies were either initiated, continued or completed. The more important of these studies are briefly described here.

NATIONAL TRANSPORTATION PLANNING STUDY. Because the Santa Maria Area is forecast to meet the requirements for a metropolitan urban area by 1990, we were the subject of somewhat detailed transportation planning as part of the National Transportation Planning Study. This study was undertaken by the Federal government in order to provide factual information for future congressional consideration. The State of California gathered the bulk of the information and prepared the report with assistance from local agencies, including the Santa Barbara County Area Planning Council staff and the technical staff of the City of Santa Maria.

INTER-GOVERNMENTAL PUBLIC WORKS INFORMATION SYSTEM. The Santa Maria Public Works Department has served as one of the resources for a State Department of Public Works sponsored study to develop a uniform information system for public works activity at all levels of government. This study was initiated in prior fiscal years and completed during the current fiscal year.

NATIONAL HIGHWAY FUNCTIONAL CLASSIFICATION AND NEEDS STUDY. Preparatory to the National Transportation Planning Study mentioned above, there was undertaken by the State Division of Highways under a federally sponsored program a Highway Functional Classification and Needs Study. Among other things, this study classified some of the State highways and arterial streets in the Santa Maria urban area. Subsequently, this was the basis for a proposed recommendation by the State Director of Public Works that most of the State highway system within the Santa Maria Urban Area be transferred to local agencies for operation and maintenance. Both the City and the County Road Department analyzed these proposals and concluded that they were premature, and possibly detrimental to us. Therefore, protests against this action were recorded at the appropriate public hearings.

COMPREHENSIVE TRANSPORTATION ACTION PLAN FOR THE SANTA BARBARA COUNTY AREA. The Community Development Department and this department worked closely with the other cities and county technical staff to develop over an eighteen month period a Comprehensive Transportation Action Plan for the Santa Barbara County Area. This plan was developed to satisfy a Housing and Urban Development Agency requirement as a condition of approving HUD grants for transportation programs within the county. Specifically, the Santa Barbara Metropolitan Transit District had a grant pending which has subsequently been approved and released to them. This plan is unique in that it is not limited simply to highway transportation, but addresses itself to air, shipping, rail, trucking, pipeline and other modes of transportation. It is also unique in the sense that at the time of its approval it was one of two such plans approved by HUD in the State of California.

G.E. TEMPO. This department supported G.E. Tempo in their study of several aspects of our community. The principal nature of this support was in the form of cost information and capital improvement programming information relating to their topics. We also participated in an evaluation of a suggested role of citizens in the urban renewal planning process developed as a part of the G.E. Tempo Program.

AN EVALUATION OF THE FUTURE NEED FOR SUPPLEMENTAL WATER IN THE SANTA MARIA VALLEY. In cooperation with the Santa Maria Valley Water Conservation District and the California Consolidated Water Company, Incorporated, the City of Santa Maria secured an evaluation of the future need for supplemental water in this valley. This report was done by Toups Engineering Incorporated and provides a factual basis for evaluation of alternative proposals for supplemental water in this area and in this region as they may be proposed from time to time.

WORKABLE PROGRAM FOR COMMUNITY IMPROVEMENT. This department contributed information to the Community Development Department as that department undertook the tremendous task of developing its report on the Workable Program for Community Improvement in Santa Maria. Information from the Public Works Department centered around public improvement projects completed during the reporting period, plus a description of capital improvement programs for public improvements programmed in the near future.

PUBLIC WORKS IMPROVEMENT SYSTEMS STUDY PREPARED BY AMERICAN PUBLIC WORKS ASSOCIATION RESEARCH FOUNDATION. The City of Santa Maria was one of thirty-seven local governmental agencies participating in the subject undertaking. This report summarizes guidelines developed for standard procedures for collecting and reporting public works operational statistics. It is an excellent product and should be very useful to us in applying data processing resources to the functioning of our department.

INTERIM WATER QUALITY MANAGEMENT PLAN, CENTRAL COASTAL BASIN, DEVELOPED BY THE STATE WATER RESOURCES CONTROL BOARD. The Public Works Department furnished certain information as input to the subject plan and after its development by the State Water Resources Control Board, we formulated comments which were presented at a public hearing regarding the plan. The interim plan has a number of characteristics which we consider undesirable, and it will be important for us to continue to work with the Regional Water Quality Control Board as it develops its final plan scheduled to be complete by 1973.

FIVE YEAR CAPITAL IMPROVEMENT PROGRAM. Along with each of the other City departments, the Public Works Department developed recommendations for capital improvements deemed desirable over the next five years. This information, after coordination with other departments and comparison with our financing capabilities by the Administrator's office, resulted in the capital improvement program section of the current year's budget.

CHAMBER OF COMMERCE FREEWAY SIGNING REPORT. The Public Works Department assisted the Chamber of Commerce Sign Committee in its identification of additional signing necessary on State highways serving the Santa Maria Area. We also participated in the development and presentation of the report to the State Division of Highways and the appropriate legislative representatives regarding this matter.

COMPACT CAR STUDY. During the fiscal year the department analyzed the desirability of incorporating in the municipal fleet of automobiles the so-called "mini" car or compact car, such as the Datsun, Toyota, Vega or Pinto. This study was undertaken as the result of a Supreme Court ruling that the "Buy-American" law was no longer constitutional. The study concluded that there was no economical advantage to the substitution of this size car into our fleet at the present time. However, the

idea will deserve continuing attention, and it is entirely possible that future economic changes will make it desirable to utilize this type vehicle.

COUNTY OF SANTA BARBARA WATER AND SEWERAGE FACILITIES PLAN. The Santa Barbara County-Cities Area Planning Council through a Technical Water and Sewerage Advisory Committee developed a Water And Sewerage Facilities Plan for this county to satisfy HUD requirements. The Santa Maria planning area was incorporated into this county-wide plan by reference, and the Santa Maria technical staff played a minimal role in the development of this county-wide plan. However, we did attend several of their meetings to insure that the best interests of the Santa Maria Area are served by this new work.

APPENDIX B

Financial Information

FUNCTION	F.Y. 70-71 EXPENDITURES				SOURCE(S)	
	Overhead	Operations	Capital Outlay	Bond Service		
ADMINISTRATION	-	72,064	0	-	General Fund Water Fund Refuse Fund Sewer Fund	$ 54,704 7,620 7,220 2,520
BUILDINGS	-	38,197	2,376	-	General Fund Water Fund Refuse Fund Sewer Fund	29,353 4,920 4,670 1,630
ENGINEERING	-	159,827	0	-	General Fund Water Fund Refuse Fund Sewer Fund Gas Tax Fund	112,877 17,990 17,020 5,940 6,000
STREETS	-	328,520	127,265	-	General Fund Gas Tax Fund	211,255 244,530
SEWER	5,495	26,987	1,052	45,924	Sewer Fund	79,458
DRAINAGE	-	16,232	0		General Fund	16,232
SANITATION	75,330	329,368	6,820	-	Refuse Fund	411,518
TREATMENT PLANT	20,795	96,290	3,332		Sewer Fund	120,417
WATER	79,610	350,831	30,012	179,466	Water Fund	639,919
MECHANICAL SHOP	-	220,738	3,229	-	Equip. Fund	223,967
PARKING DIST.	-	5,356	0	9,881	Dist. Fund	15,237
STOWELL CENTER	-	4,705	1,015	-	Maint. Fund	5,720

NOTE: Some of this information is accumulated from sources not based upon final audit figures. While it is sufficiently accurate for this summary, precise figures should be secured from the City Finance Department.

APPENDIX "C"

DIRECTOR OF PUBLIC WORKS

Salfingere, Frank

ASSISTANT DIRECTOR OF PUBLIC WORKS - OPERATIONS

Litzenberg, Wm. S.

ASSISTANT DIRECTOR OF PUBLIC WORKS - ENGINEERING

Riddiough, Reese N.

ADMINISTRATIVE DIVISION

Personnel
- Scally, Juanita
- Albright, Kathy

BUILDINGS DIVISION

Foreman
- Anderson, Norman

Personnel
- Borges, Rita
- Johnson, Roy

ENGINEERING DIVISION

Personnel
- Cooley, Jim
- Cowley, Bill
- Diaz, Lino
- Emberton, Ray
- Hamilton, Jim
- Little, Jim
- Orosco, Sylvester
- Palato, Carmen
- Pantoja, Henry
- Rios, Harold Jr.
- Ujano, Lorenzo
- Wall, Robert

SEWAGE TREATMENT DIVISION

Superintendent
- Middleton, Ben

Personnel
- Gregorich, Mathew
- Jakobson, Russell
- Mattingly, Carl
- Reinhardt, Jack
- Shawley, Bill
- Yeager, Edelbert

MECHANICAL DIVISION

Superintendent
- Rios, Harold

Foreman
- Sanchez, Everett

Personnel
- Bawden, Fred
- Corral, Charlie
- DeBoi, Howard
- Flemons, Paul
- Hightower, Richard
- Ponce, Robert
- Sturgeon, Les
- West, Millard
- Williams, Larry

SANITATION DIVISION

Superintendent
- Martins, Bill

Foreman
- Solano, Eugene

Personnel
- Anaya, Ernest
- Caballero, Richard
- Castro, Pete
- Cepeda, Elpidio
- Coppess, Charles
- Garcia, Gilbert
- Hernandez, Frank
- Hernandez, Rudy
- Kerr, Tommy
- Lemos, Jesse
- Loftin, Jesse
- Lopez, Silvestre
- Michel, Raul
- Miranda, Pete
- Morales, Tony
- Sanchez, Gregory
- Sanchez, Joe Henry
- Soto, Percy

STREETS & SEWERS DIVISION

Superintendent
Williams, Bill
Foremen
Claborn, Dale (Elect.)
Galvan, Tony (Streets)
Personnel
Alvarez, Tony
Arellanes, Ray
Bogue, Manning
Borges, Louie
Britton, Bill
Cargill, John
Heath, Raymond
Johnson, Robert
Moshier, Donald
Olivera, Ted
Roberson, Chester
Sword, Brian
Thompson, Harold
Torres, Jesse
Ujano, Robert

WATER DIVISION

Superintendent
Smith, Jesse
Foremen
Morse, Carmel (Dist.)
Perry, Jim (Prod.)
Personnel
Anaya, Manuel
Atkins, Rodney
Bryant, Wayne
Cargill, Jim
Ilenstine, Bob
Jensen, Tommy
Lobo, Ron
Martin, Ernest
Overton, Jim
Patrick, Don
Pollock, Paul

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